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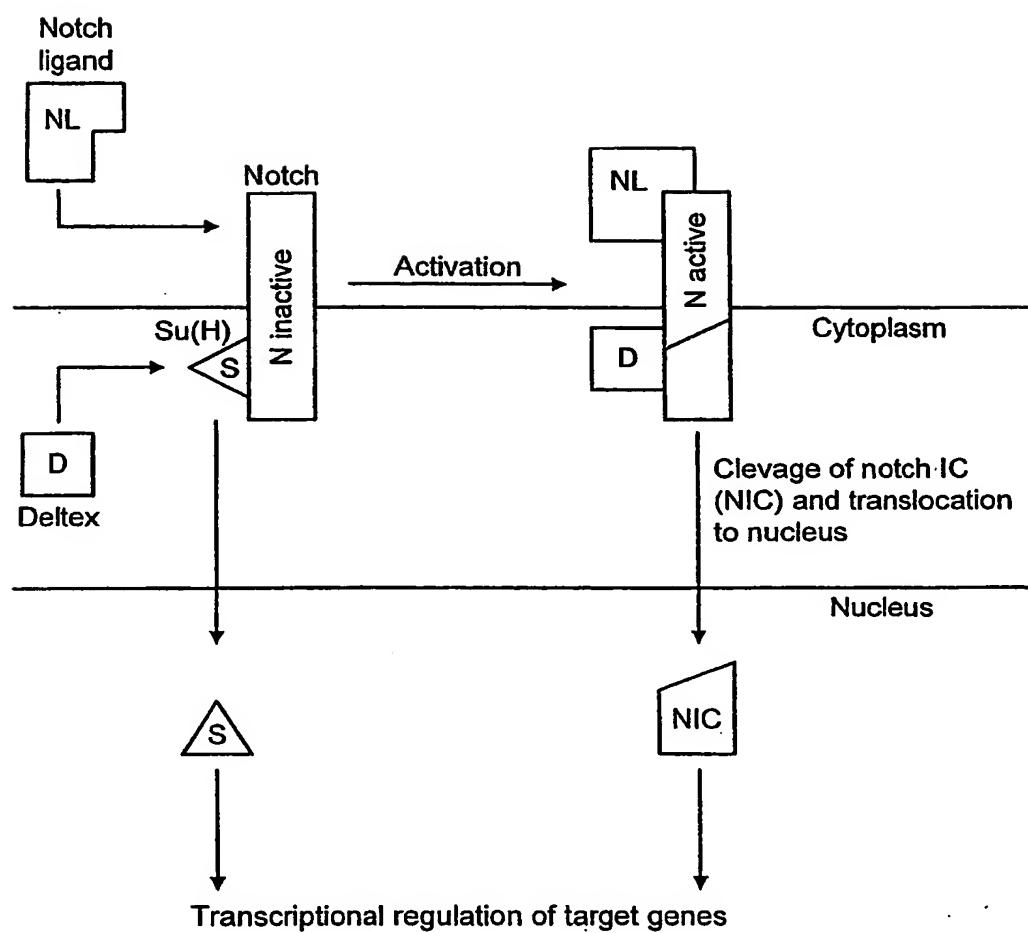


FIG. 1

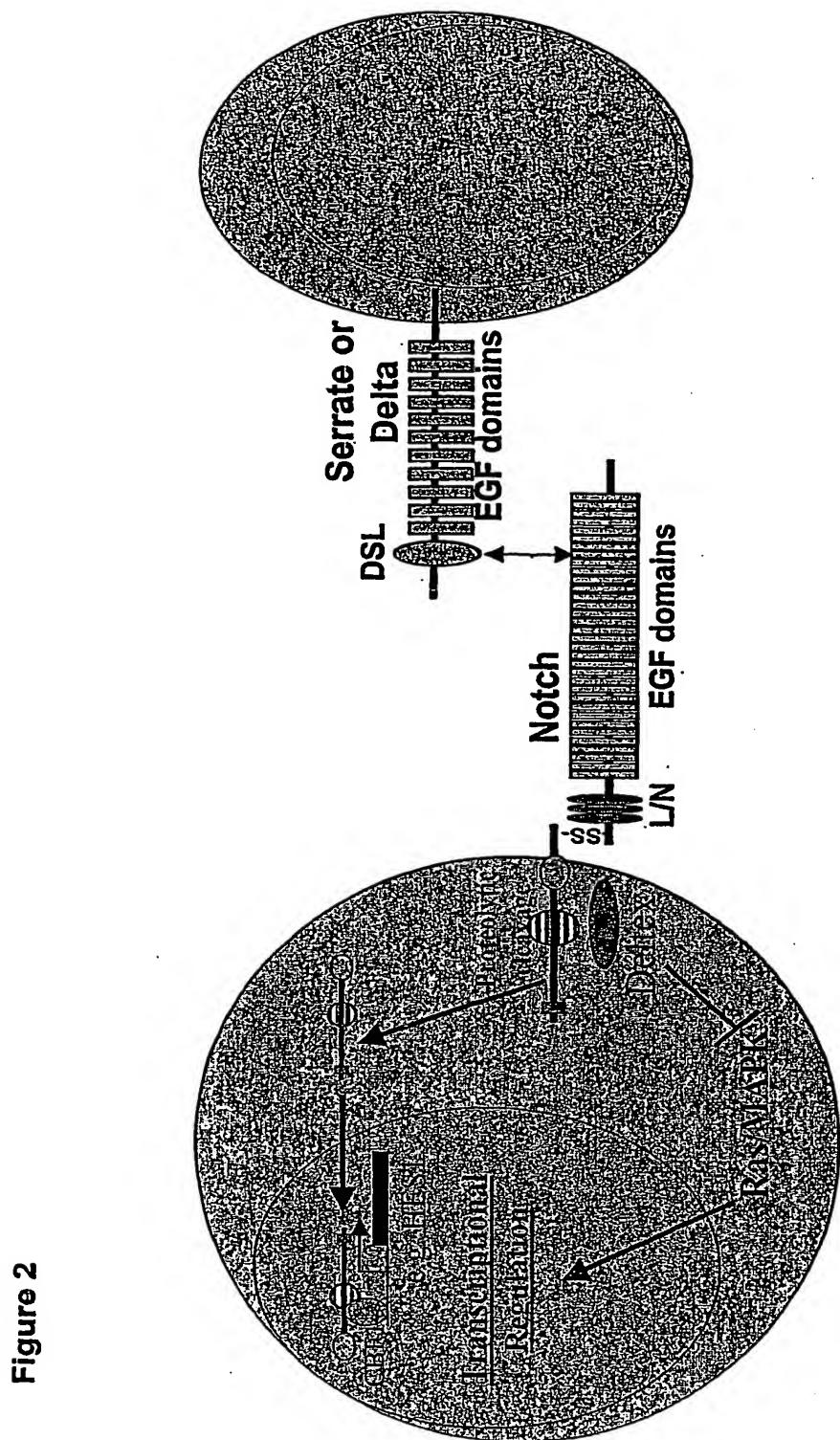


FIGURE 3

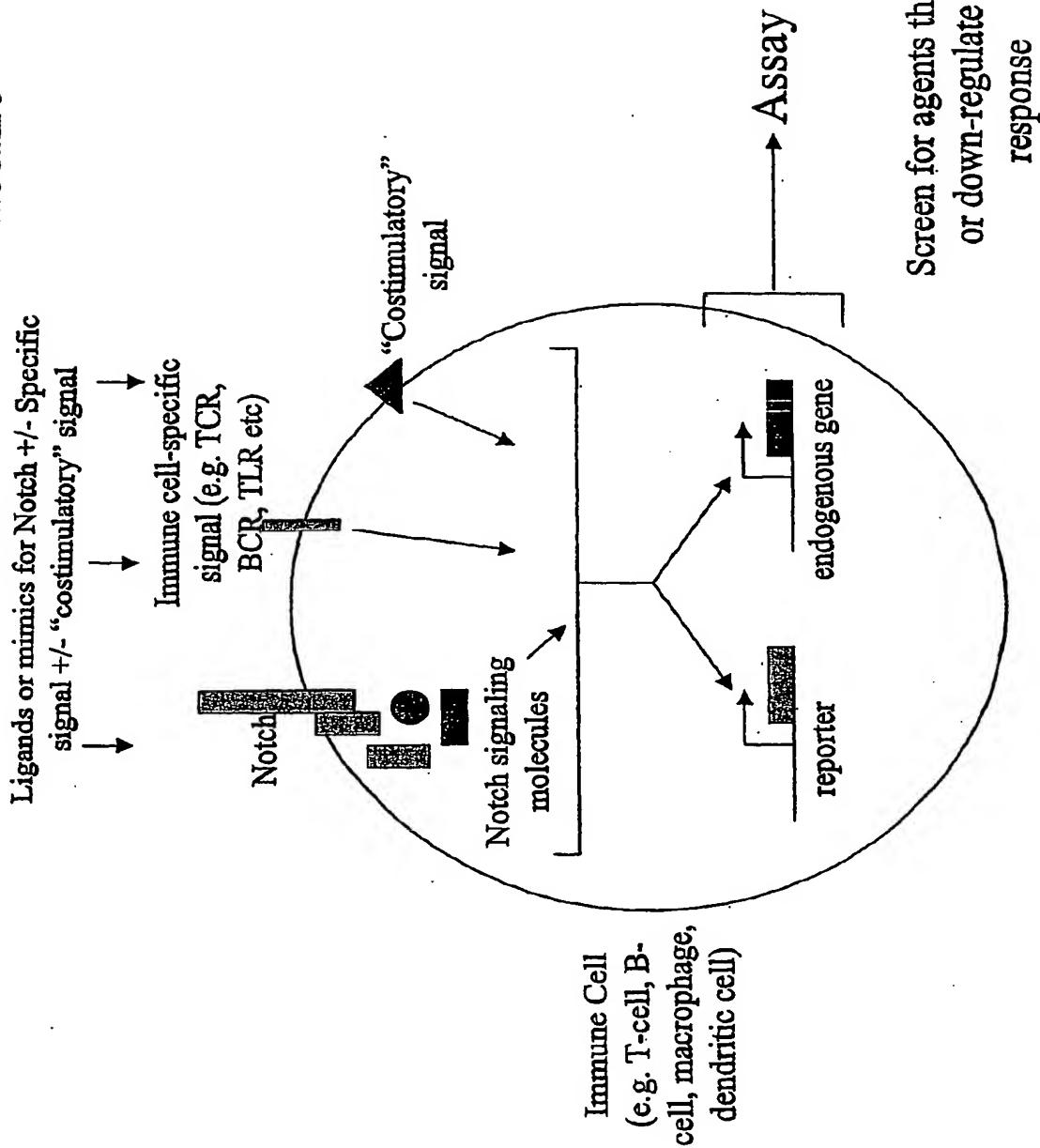


Figure 4

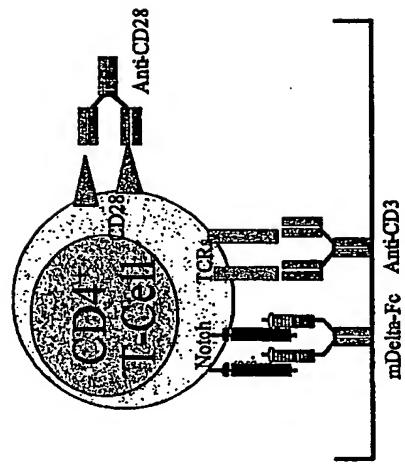


Figure 5

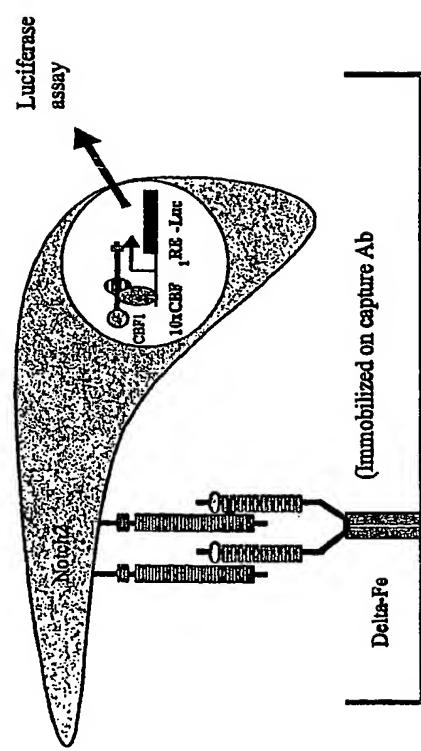


Figure 6

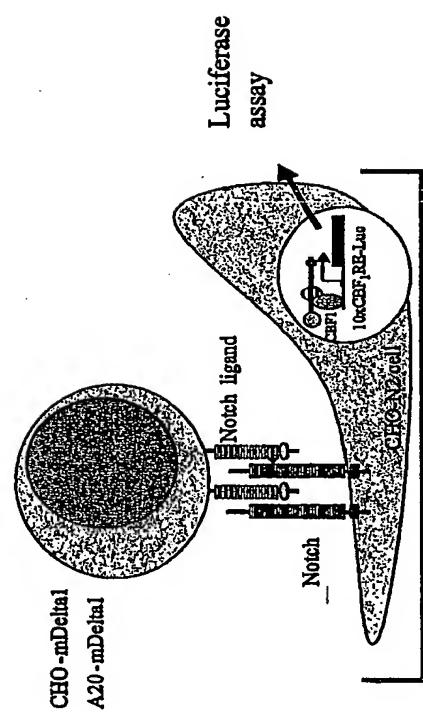


Figure 7

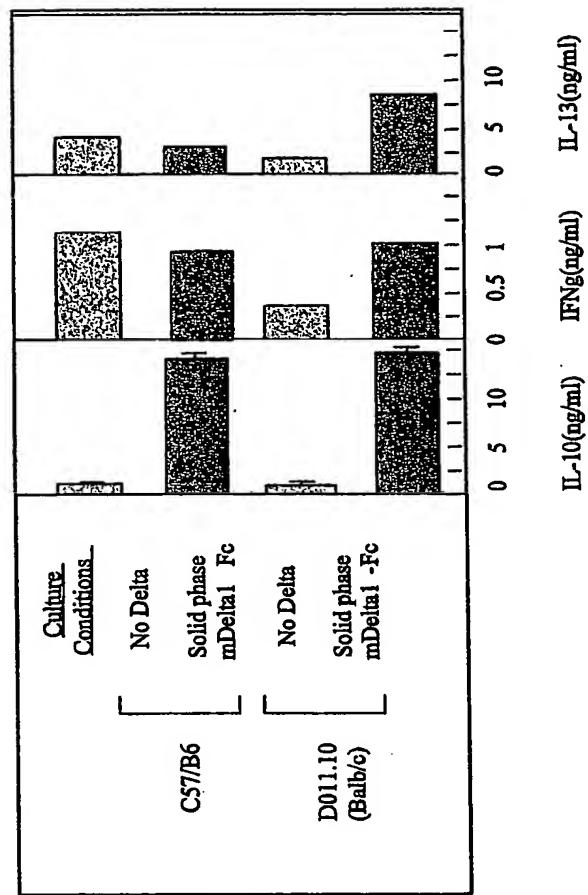


Figure 8

Relative expression of mHes1 in Cd4+ T cells

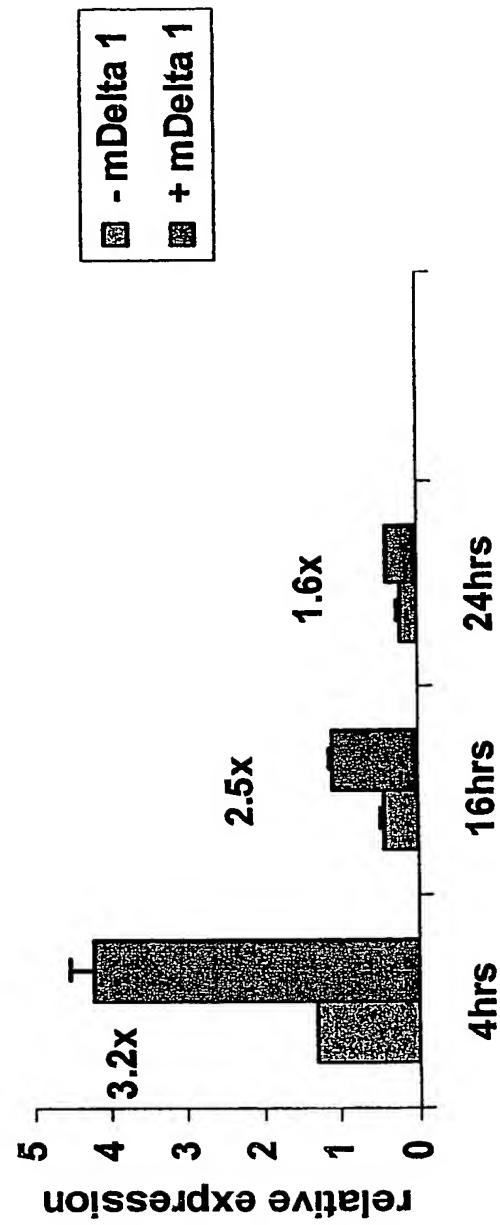


Figure 9
Cytokine production under polarising conditions

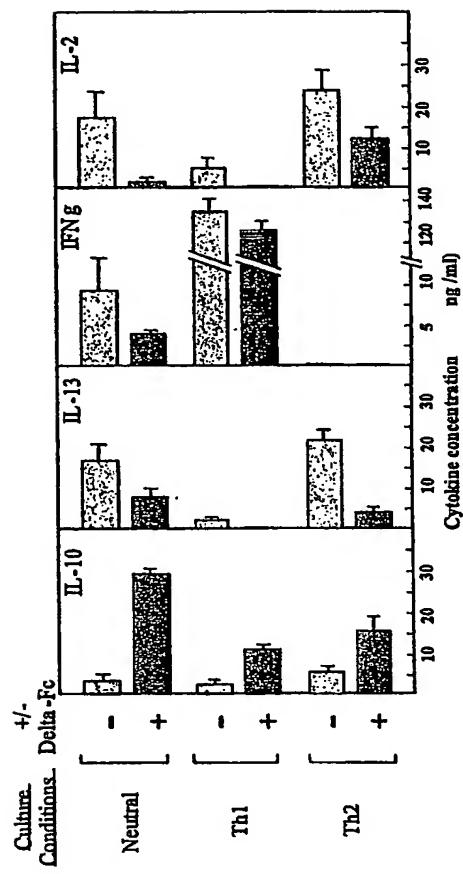


Figure 10

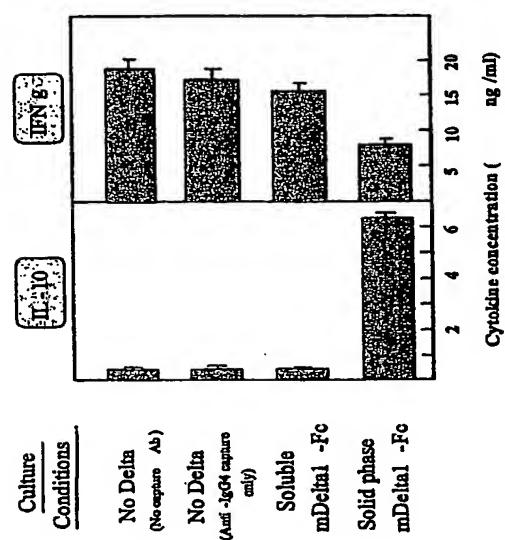


Figure 11

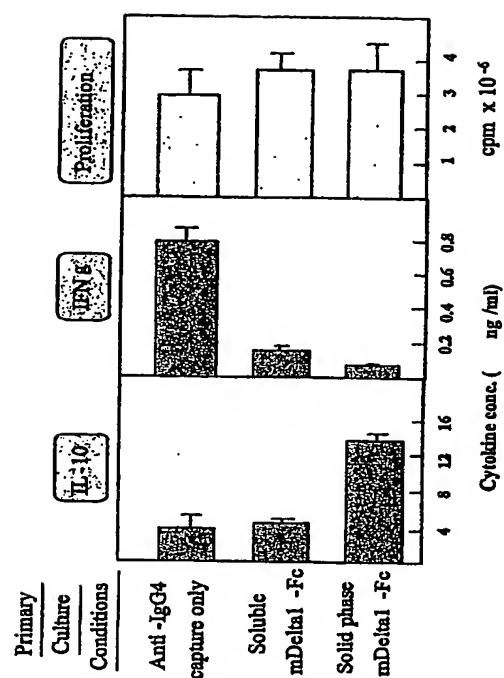


Figure 12

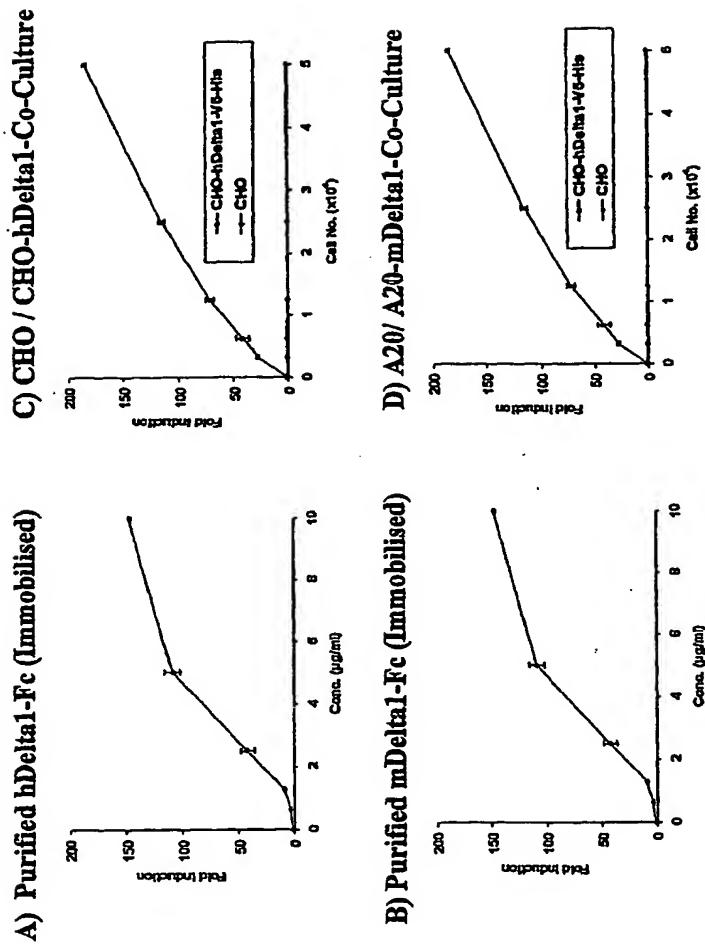
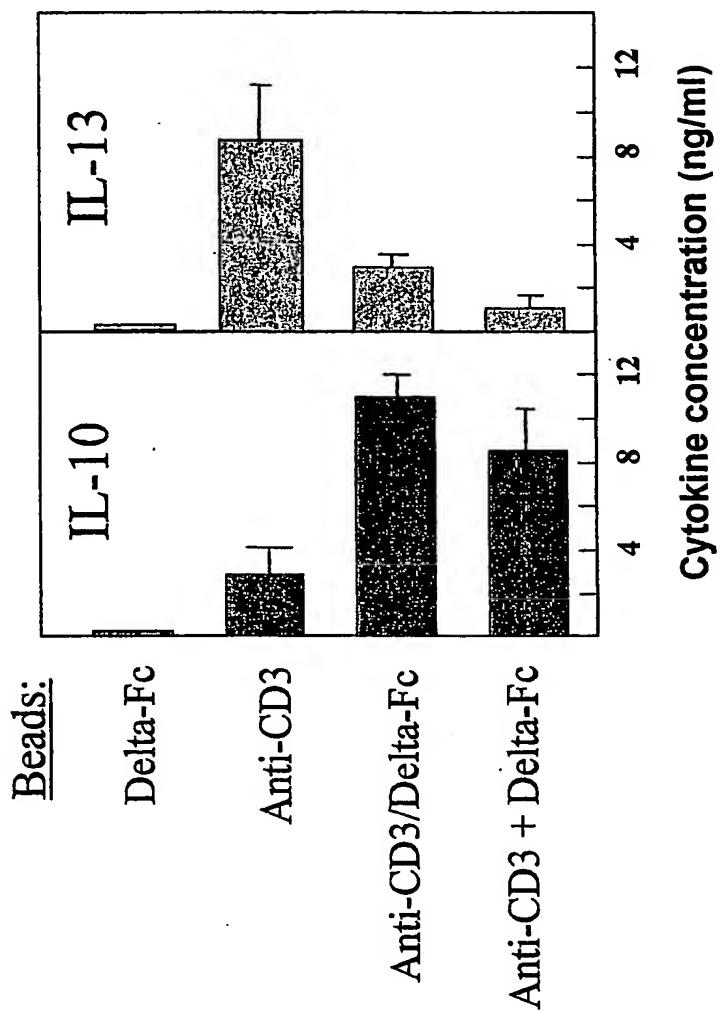


Figure 13: Delta-Fc coated beads modulate *in vitro* T-cell responses



CD4+ T-cells activated with beads coated as described plus soluble anti-CD28, 3d

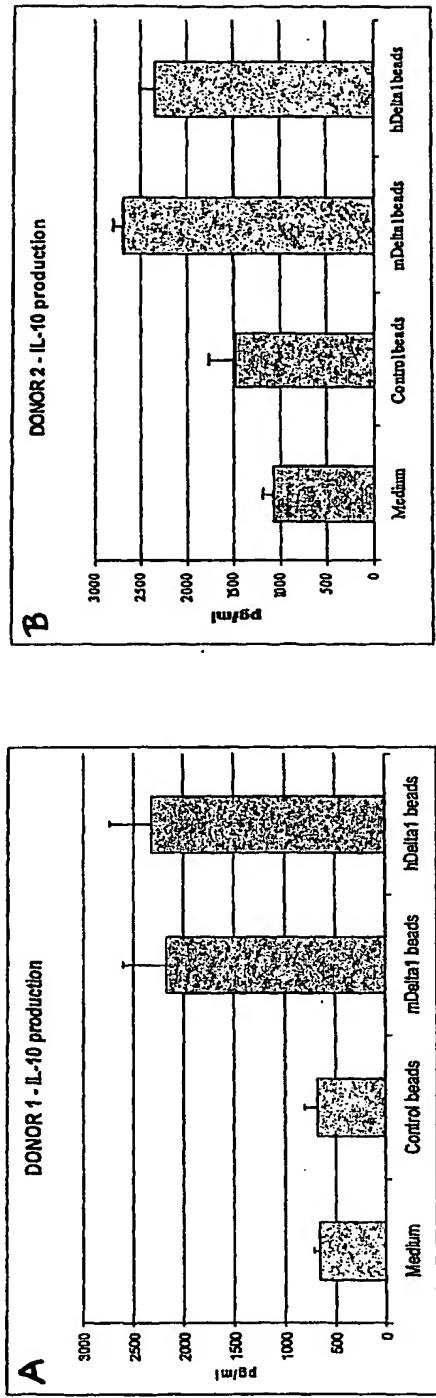
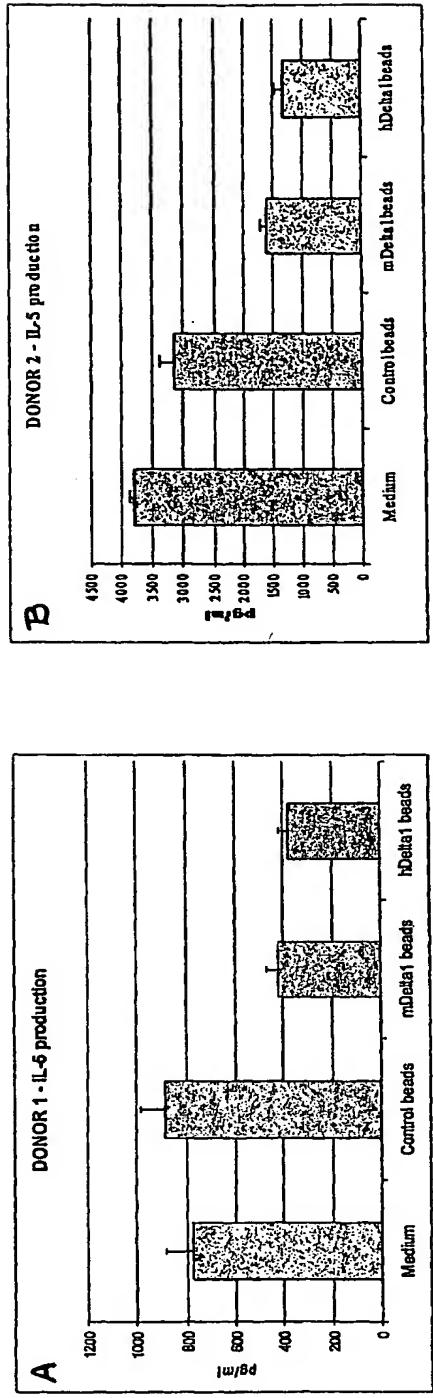
Figure 14: Increase in IL-10 production in the presence of mouse or human Delta1 beads**Figure 15: Decrease in IL-5 production in the presence of mouse or human Delta1 beads**

Figure 16: Increase in IL-10 production in the presence of mouse Delta1 beads

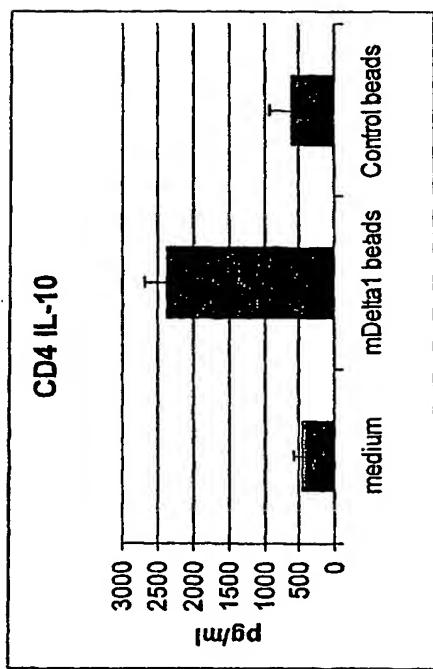


Figure 17: Decrease in IL-5 production in the presence of mouse Delta1 beads

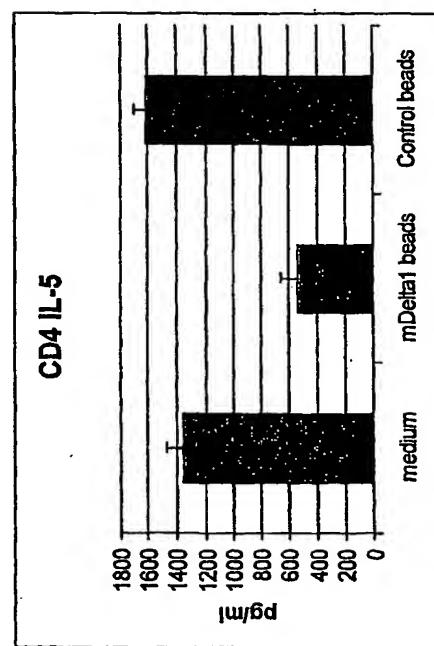
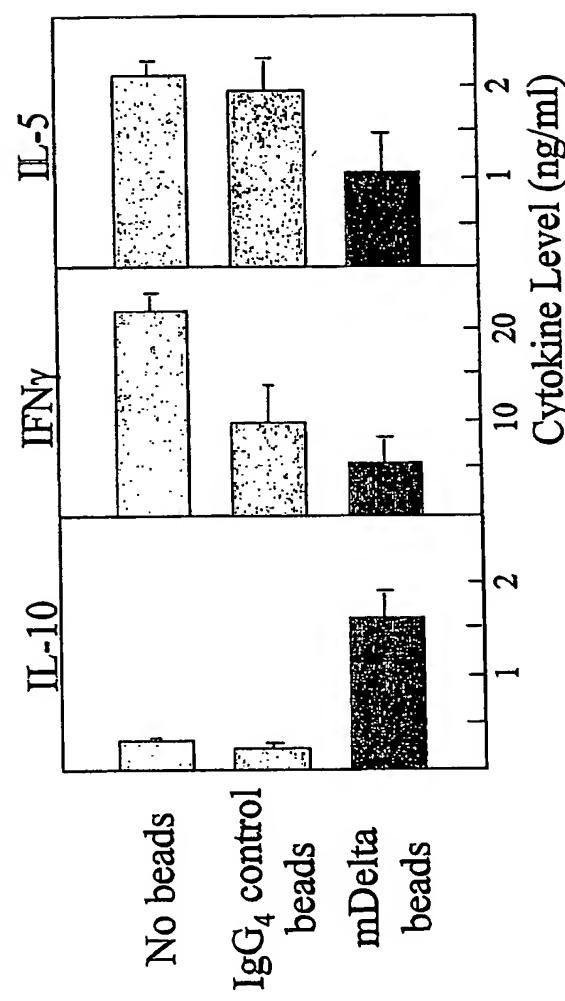
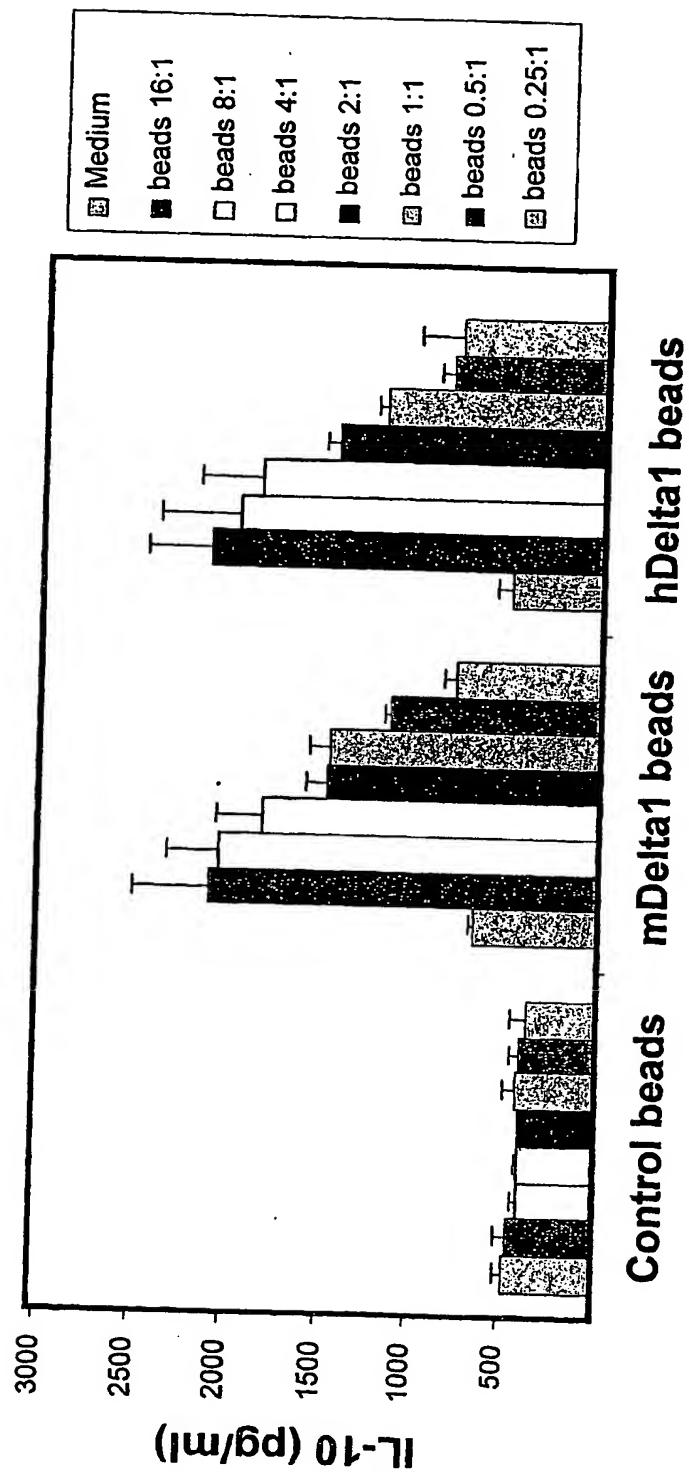


Figure 18: mDelta1-Fc Enhances IL-10 Production and decreases IFNg and IL-5 Production by Human CD4⁺ T-Cells



Human CD4⁺ T-cells stimulated with anti-CD3 + anti-CD28 with or without mouse Delta1-hIgG4 -coated beads

Figure 19: Delta1 enhances IL-10 production by human CD4⁺ T-cells



Cells stimulated with anti-CD3/CD28 with or without Delta coated beads as shown (medium only and then bead:cell ratios 16:1, 8:1, 4:1, 2:1, 1:1, 0.5:1 and 0.25:1 from left to right in each group)

Figure 20: mDelta1-Fc Enhances IL-10 Production and decreases IL-5 production by Anti-CD3/CD28 Activated Human CD4⁺ T-Cells

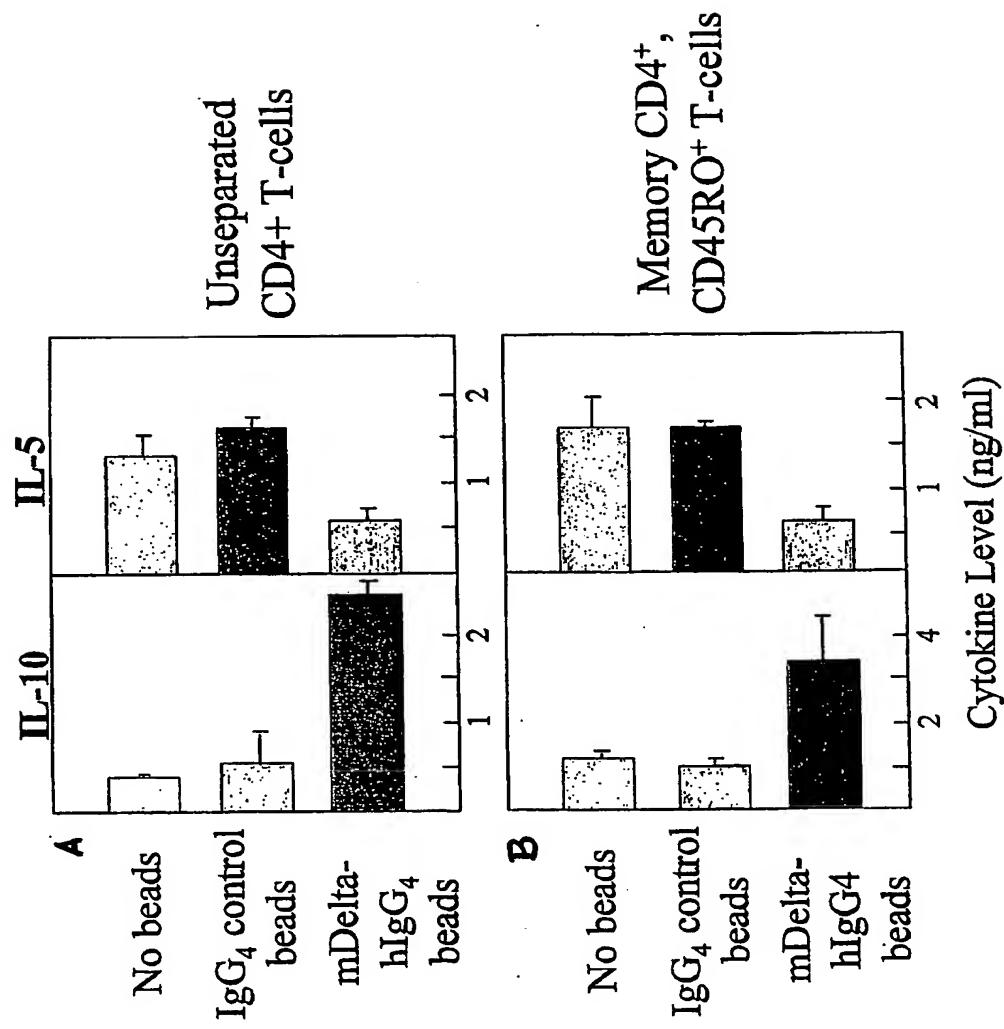


Figure 21: Delta-Fc enhances IL-10 production by murine CD4+ T-cells, even in presence of Th1 or Th2 cytokines

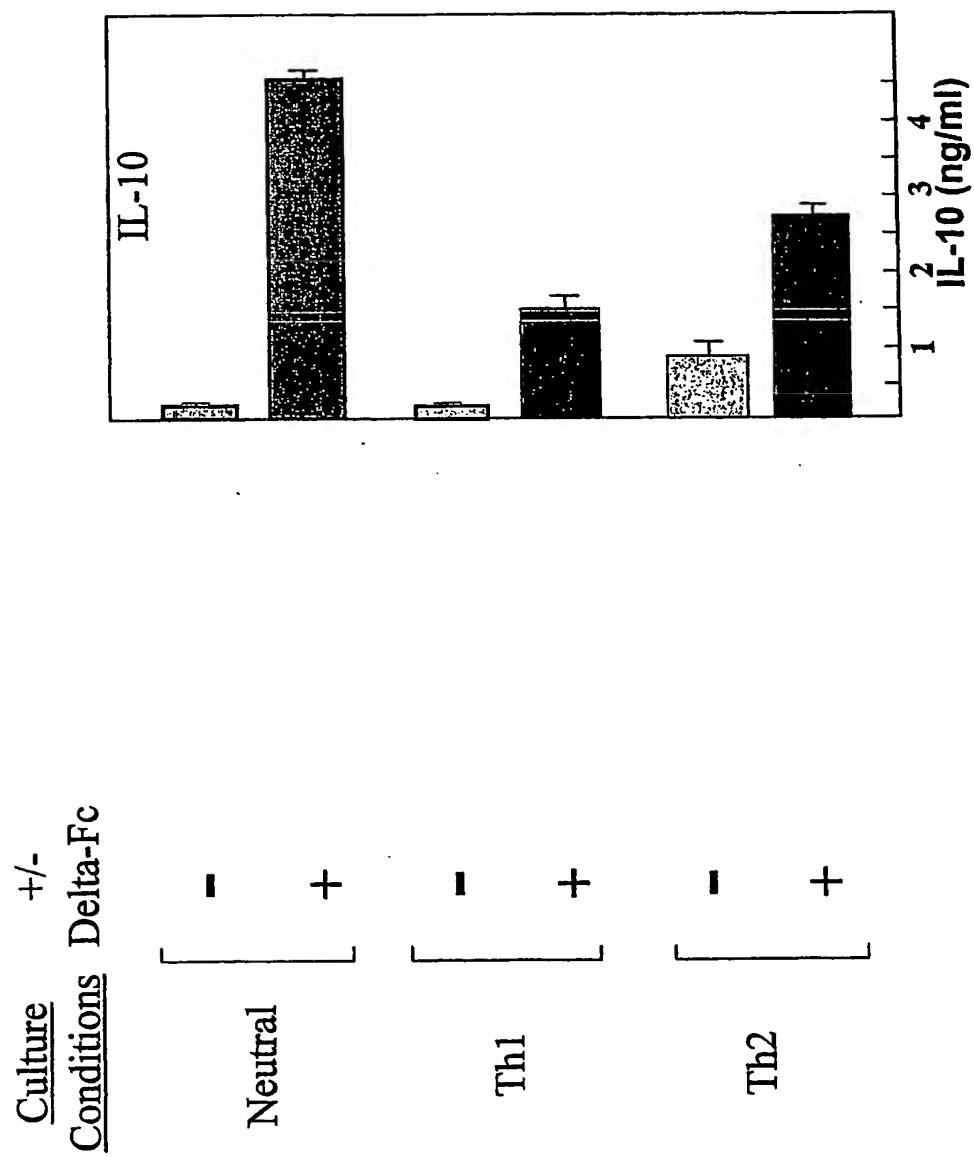


Figure 22: Micro-Array Profiling of Delta-Activated Genes in Jurkat T-Cells

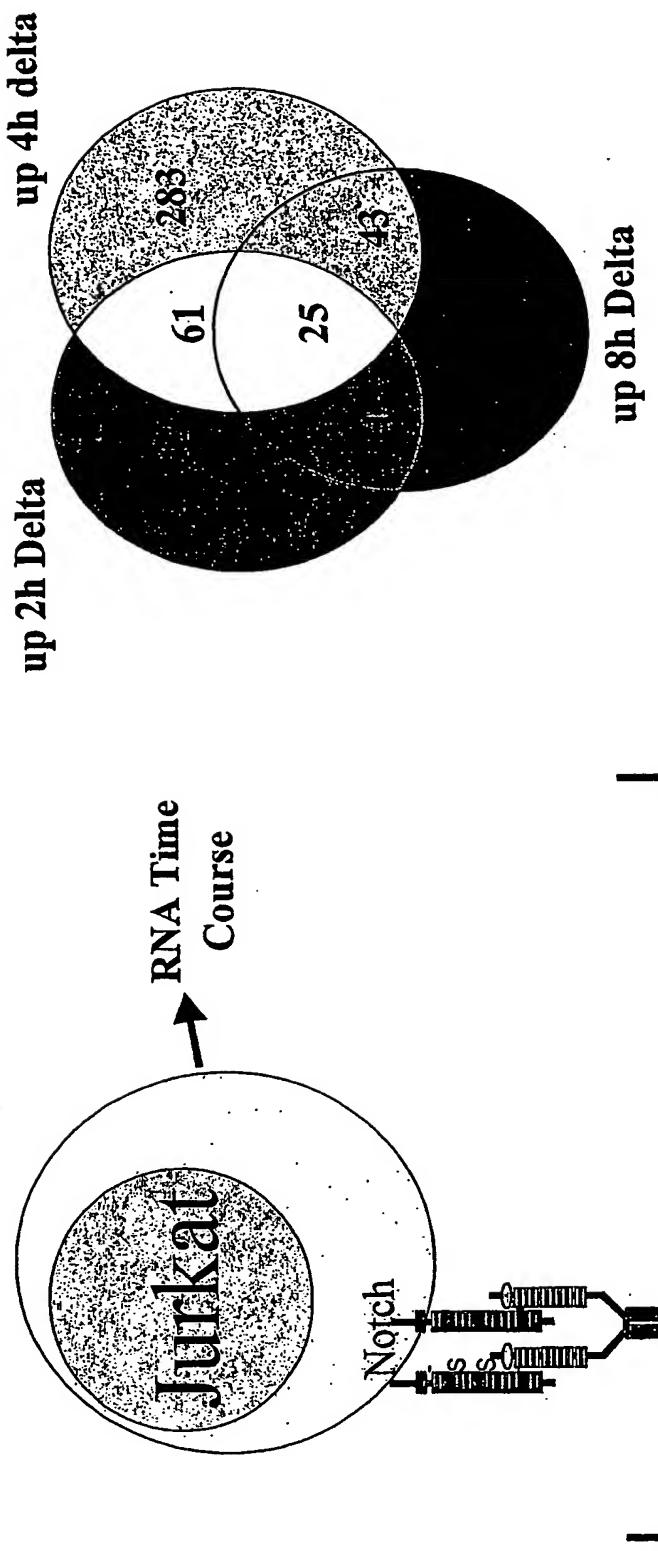


Figure 22B

Figure 22A

Figure 23: Delta-Mediated Activation of Gene Expression in Jurkat T-Cells

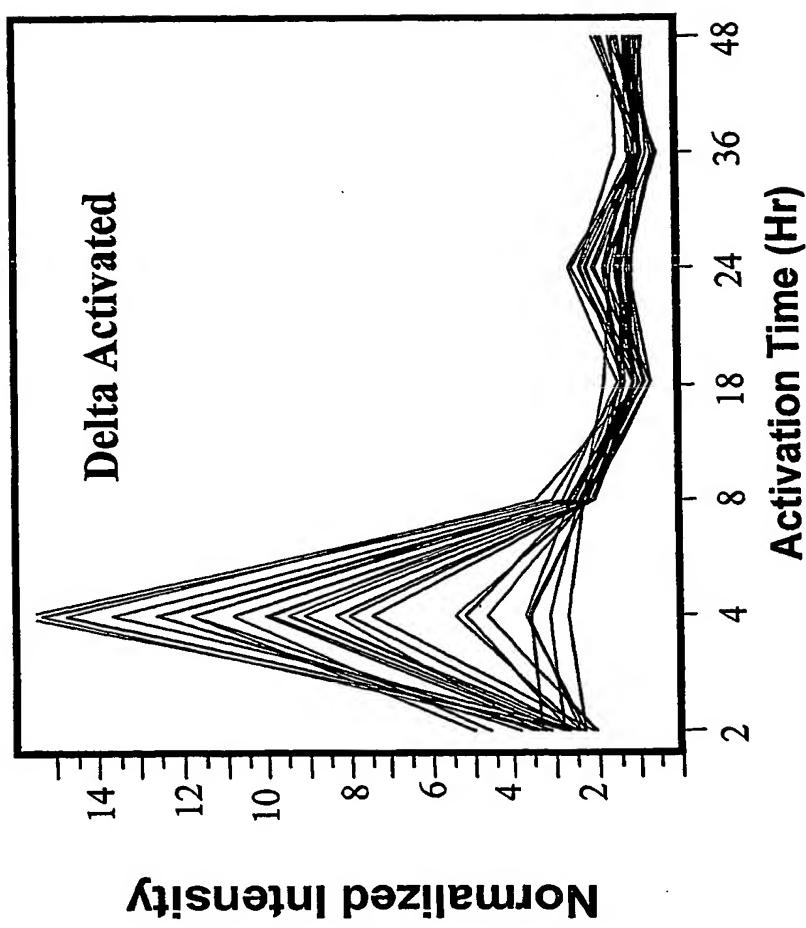


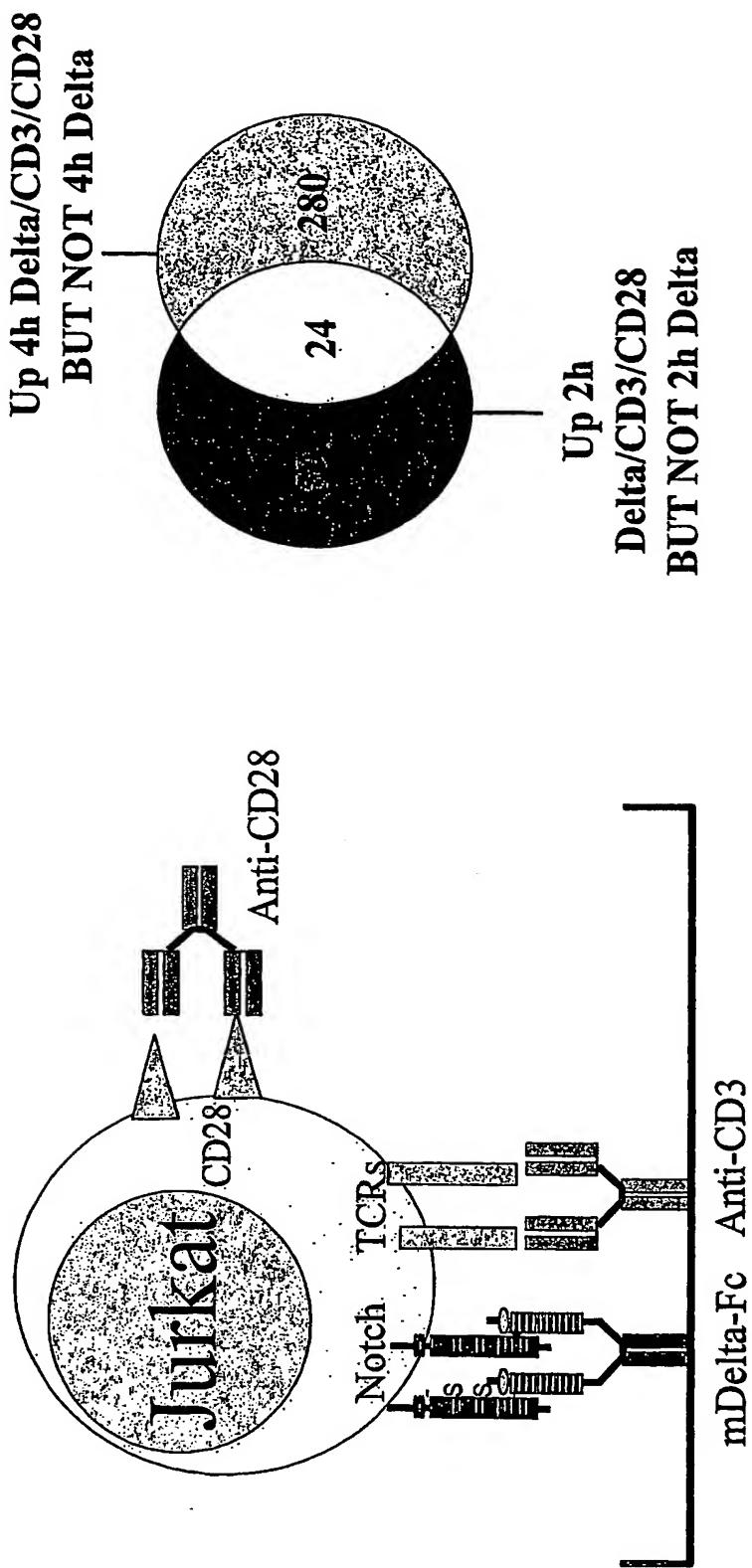
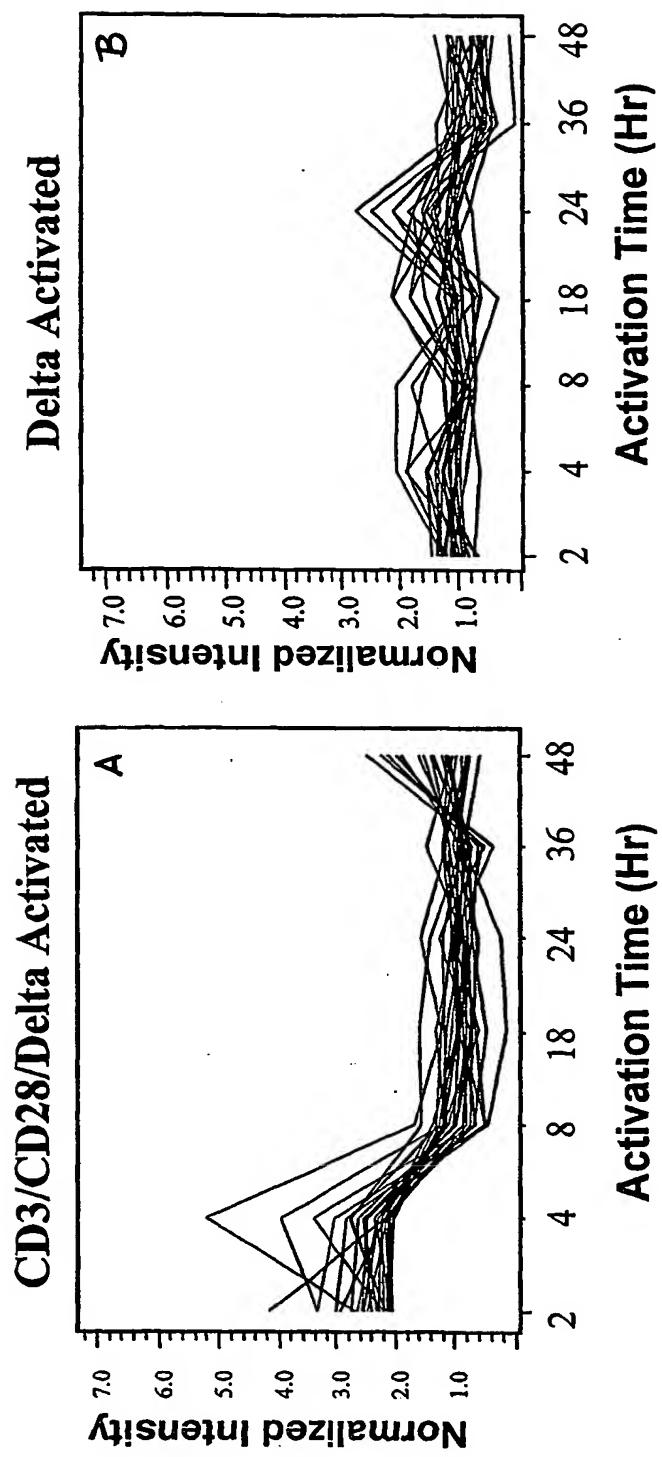
Figure 24: Micro-Array Profiling of Delta-Activated Genes in Jurkat T-Cells**Figure 24A****Figure 24B**

Figure 25: Delta Modulation of Anti-CD3/CD28 Activation of Gene Expression in Jurkat T-Cells



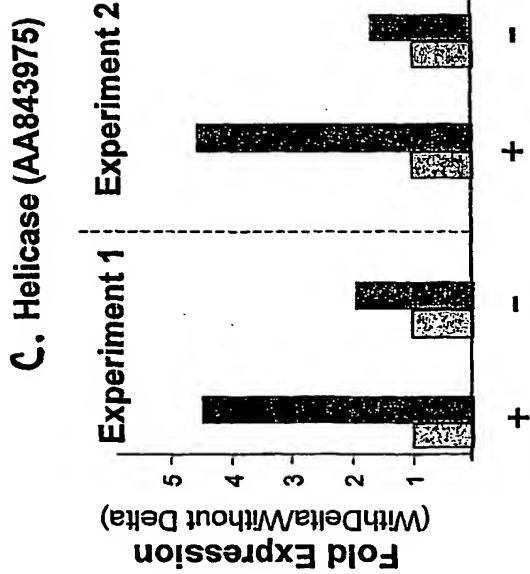
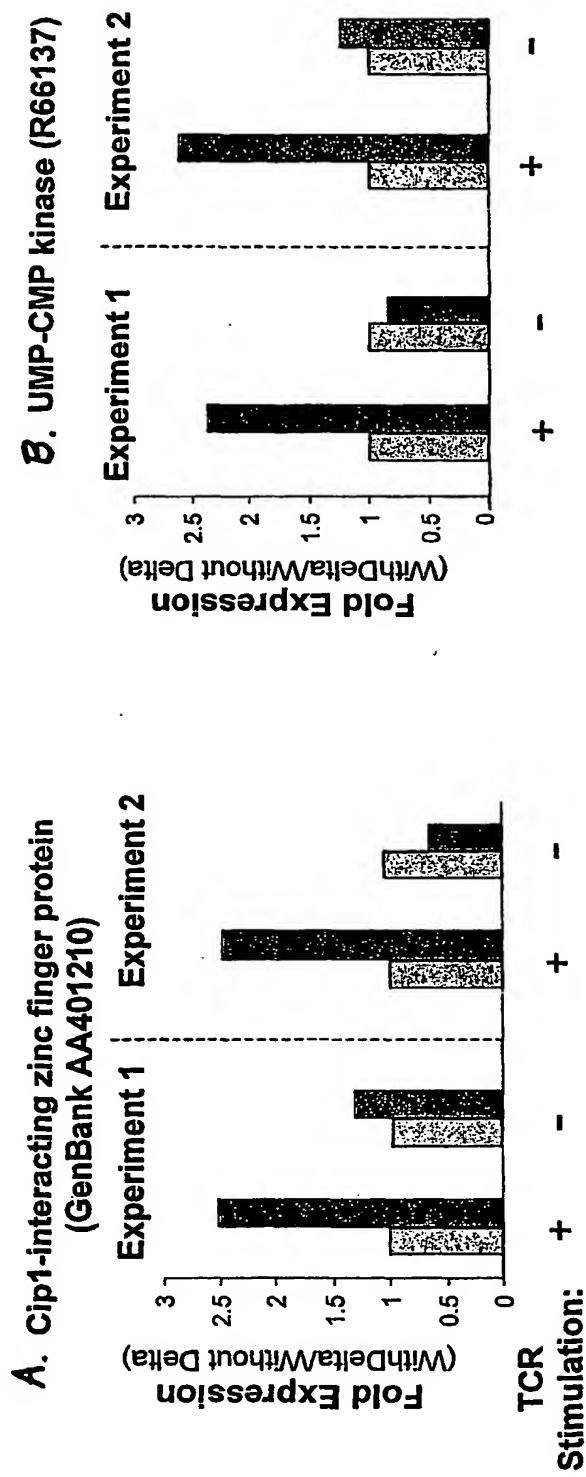


Figure 26

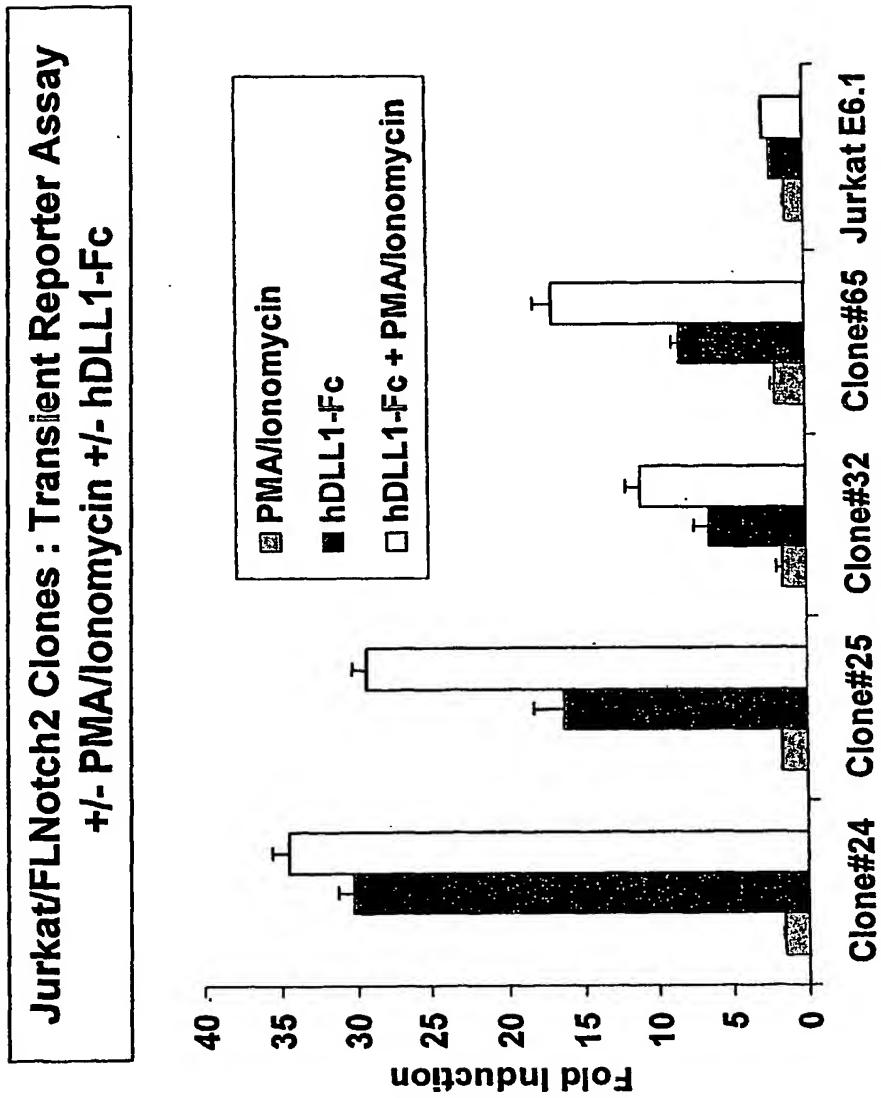


Figure 27

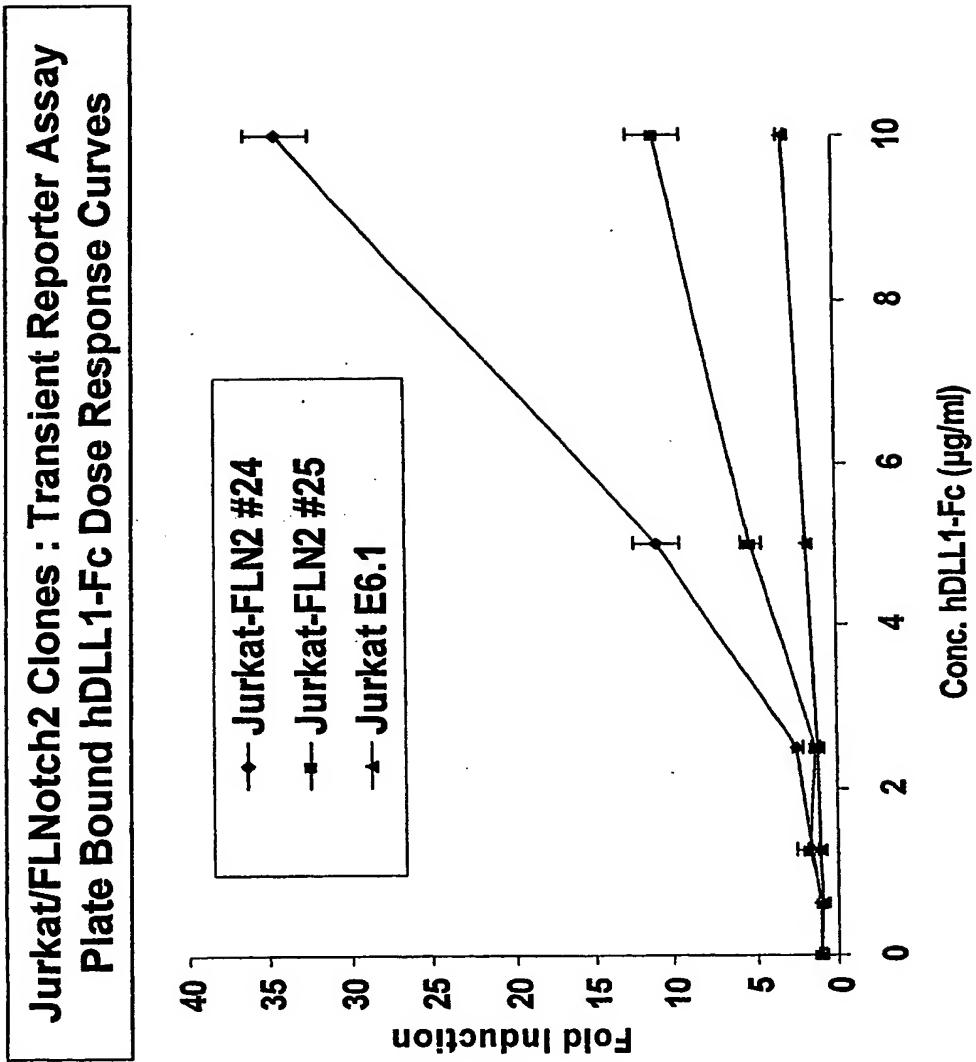


Figure 28

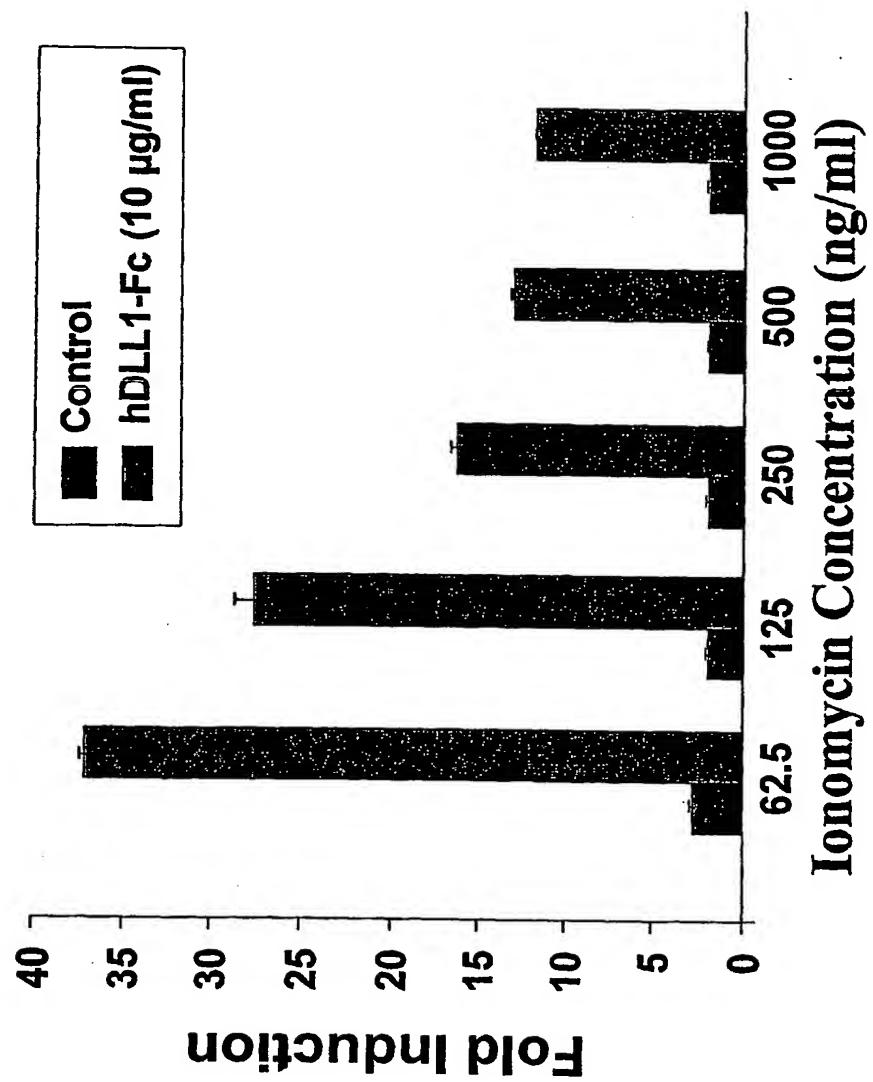
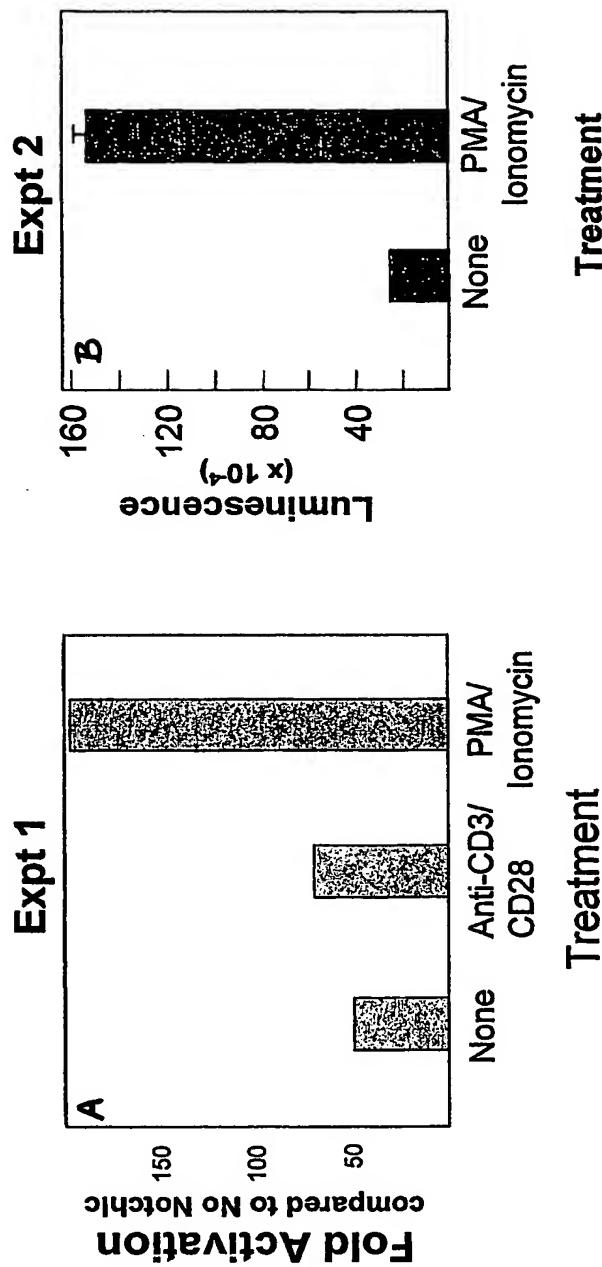


Figure 29



All Cells Transfected with CBF1-luciferase reporter + N1c

Figure 30

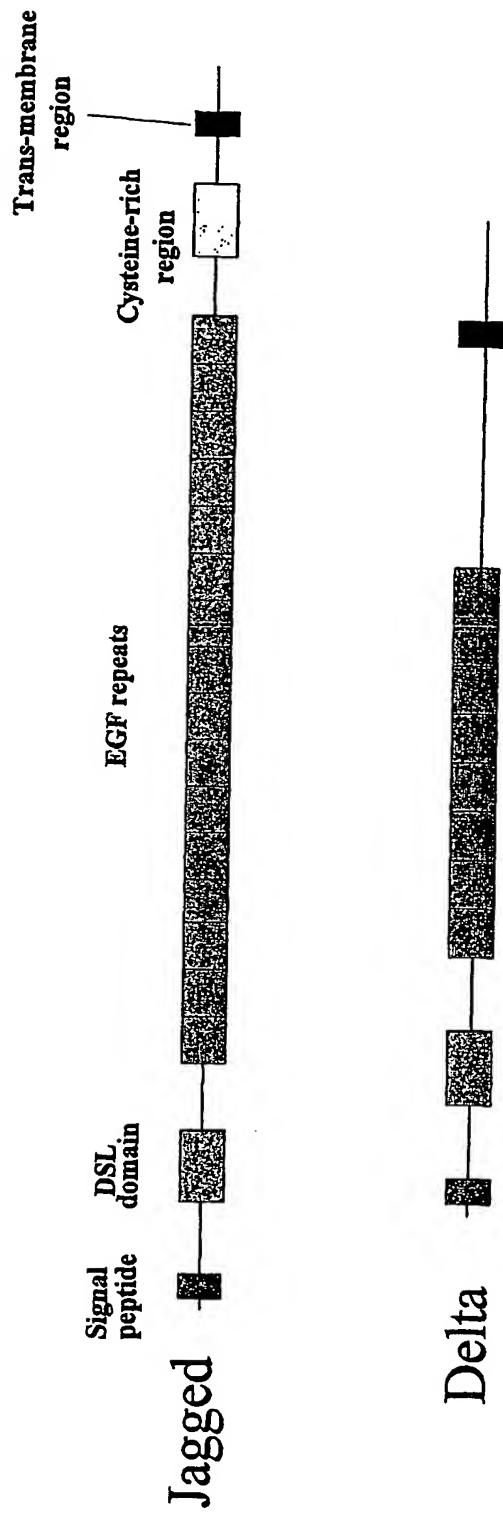


Figure 31

DLL_DROME/164-226	WKTNIKSESQ. YT----SIEIDTRVTCDLNTYGGCAKTFCRPRDDSFHSTSCSERGEIICLTGQGDYC
DLL1_HUMAN/159-221	WSQDLHSSG. RT----DLKYSYRFVCDERHYGECCSYFCRPRDDAFGHFTCCERCEKVCNPGWKGPC
DLL1_MOUSE/158-220	WSQDLHSSG. RT----DLKYSYRFVCDERHYGECCSYFCRPRDDAFGHFTCCERKMDPGWKGQYC
DLL1_RAT/158-220	WSQDLHSSG. RT----DLKYSYRFVCDERHYGECCSYFCRPRDDAFGHFTCCERKMDPGWKGQYC
DLL4_MOUSE/156-218	WRTDEQNTD. LT----RLSYSYRVTCSDNTYGESSCRLCKRDDHFGHTECQDGSISCLPQMTGKYC
DLL4_HUMAN/155-217	WLLDEQTS. LT----RLKYSYRVTCSDNTYGEQDGSBLICKRDEGHIVCQDGSISCLPQMTGKYC
Rat_J1 (Q63722)	WQTLKQNTG. IA----HFEVQIRVTCDHDTYGGCQKFCRPRDDFFGHYACDQNGNKTOMEGMGPEC
Mouse_J1 (Q9QX30)	WQTLKQNTG. IA----HFEVQIRVTCDHDTYGGCQKFCRPRDDFFGHYACDQNGNKTOMEGMGPEC
Human_J1 (O15122)	WQTLKQNTG. VA----HFEVQIRVTCDHDTYGGCQKFCRPRDDFFGHYACDQNGNKTOMEGMGPEC
Chick_J1 (Q90819)	WQTLKQNTG. AA----HFEVQIRVTCAEHYGGCQKFCRPRDDFFGHYACDQNGNKTICLEGMGPEC
Chick_J2 (O42347)	WQTLQNGP. VA----NFEVQIRVKCDENYSALCKKGGERDDFVGHYTCDDQNGNKAACMEGMGPEC
Mouse_J2 (Q9QE5)	WKSLLHPSGH. VA----HLLQIRVRCDENYSATCNIKFCRPRDDFFGHYTCDDQYGNKACMDGMGKEC
Human_J2 (Q9UNK8)	WKSLLHPSGH. VA----HLLQIRVRCDENYSATCNIKFCRPRDDFFGHYTCDDQYGNKACMDGMGKEC
Rat_J2 (P97607)	WKSLLHPSGH. VA----HLLQIRVRCDENYSATCNIKFCRPRDDFFGHYTCDDQYGNKACMDGMGKEC
Human_J2 (Q9Y219)	WKSLLHPSGH. VA----HLLQIRVRCDENYSATCNIKFCRPRDDFFGHYTCDDQYGNKACMDGMGKEC
SERR_DROME/221-283	WKTLDHIGR. NA----RITYRVRVQCAVTTNTCTFCRPRDDQFGHYACSEGOKLCLINGHQGVNC

Figure 32

Human Delta 1; GenBank Accession No. AF003522)

MGSRCALALAVLSALLCQYWSGGYFELLKQEFYNRKKEALLGNRNCRRGGAGPPECACRTFFFYCLKHYQASVSEPPCTYGSAYTTEPVLGVDSESLPDCGGADSAFSENPIRFPGFRTWPCGTCGTSLLTEALHTDSDPDLATENPERLISRLATORBLTIVGEWSQDLHSBGRDLDKSYRFYDCEHYGECCSVFCRPRDADFGHFTCGERGEKVKCNPENKCGPYCTEPICLPGCDEQHGRCDKPGECCKCRVGNQGRYCODECIRYPGCLHEGTQFCNQDFLNYCTTHEKPCKNGATCINTGQGSYTCSCRPETGATCELGIDCECDPSCKPGGSCTDLENSYSCOTOPPFYGYKICLSSAMTCADGPFENGRCEDSEPDGGYSCRCFPVGYSCFNCCEKKIDYCSSSPCSNGAKCYDILGDAYLICRCQAFGSGRCDDNVDCASSPCANGGTCRDGVNDFESECTOPPGYTGTRNCBAPYERCEHAPCHNGATCHERHGHYVCECARGYGGPNQFTLPELPPGRAVVDTLEKLGQGGPFEPWAVYVCAVGTIVMLLGGCAVYVCVRLRQKHREPPADPERGETTMNNLANCEREKDISVSLIGATQIQTNTKKAHFHDHSADKNGTKARYPAVDYNUVQDIKEDETAVRDAHSKEDTKQFQGSSGEEKGTPTRLGGEASESERKRPDSGGST9KDTKYQSVVYVISEEDECYLATEV

Human Delta 3; GenBank Accession No. NM_016941)

MVSPRMSCGILSQVTLLALIILPQTRPAGFEELQIHSQGPQGPQAPRSPCSARLPCRLFERRVTCQGLSEEEAAESPCLAGAALSARGPVYTYEOPGAPAPDLPLPDGLLQVPPFDAMGTTSFILITWRELGQIGCAWSLLARYAQRRLAAGGPWARDIQRAGAWEILRFYRARCEPPAVETACTRLCRPRAAPSRCGPGLRCPAPLEDECAAPLYCRACCSPEHNGCEQGEIRCLECWTGPJLCTYPTVTSSSLSPRGPSAATGCLVPGPGPCDGNPCANGGSCSETPRSFECTCPRGFYGLRCEVSGVTCADGPCNCGCSCALGTCVGGADPDSAVICCPCPGQNSICEKVDRC8LQPCRNQGCLDIGHALRRCRAGTAGPRCEHDIDDCAGRACANGGTCVEGGGAHRCSCALGTCGCRERADPAAARPCHAGRCRYAHFSGIVTACAPGYM GARCEFTVHDGASALPAAPPGCERPDFOYXLLPAALGLIVAAVGAGAALLLYVYDPRRGHQDAGSSRLLAGTPEPSVHALPDALNNLRTOEGSEDGP998VDWNRPEVDPQGIXVTSAPSIXAREVATPLFPLHTGRACQORHLLFPPSSBILSVK

Human Delta 4; GenBank Accession No. AF 253468)

MAAASRSASGMLLILYALMQRAGSGVFOLQELINERGVLASERPCPQGCRTEFRVCLKHFQAVVSPGPCTFGTVSTPVLGTNSFAVRRDSSGGGRNPLQLPENFTWPGTSLLTEAWHAPEDDLRPEALPPDALLSKIAIQSLAYGONWILDEOTSTLRLRYSYRVCSDNTYDNC9SLICKKRNDHFGHIVCQPDGMLSCLPGHTGTYCQDCEYCOQPCILSGCHEONGYCSKPAECLCRPGWQGRICNCECIPNGCRHGTCTSTWQCTCDEGWGGLFCDDDLNYCTTHSPCKNGATCNSNQSYXTCICRPQTYGTDCELELSECDSNPCKNGSSCRDQEDGYHCLCPPGTYGLCEHSTLSCADSPCFNGSCRERNQGANTACECPNFTGSNCIEKKVDRCTSNPCKANGGQCTNNEGPSRMICRPGFTGTYCBLHVSDCAENPCHAEHGTCEDLNGLMCTPAGEFSGRRCEVRTSIDACASISPCFCNRAATCYTDLSTDFTVCNCPCYGFYGRCEFPYCLPPSFEPWAVSBLGCGLAYLVLGMYAVVORQRLRERDDGSRERANMNLSDFOQKDLIPAAQKNTNQKELLEVDGENDKSNGKQQNHTLDYNAAPPLGLRGTMPCGFPHSDKSLGEKAFLRLHSEKPECRISACSPRDEMYSOSTLLSEERNECYTATEV

Figure 33

Human Jagged 1; GenBank Accession No. U73936

MESPRTRGRSGRPLSLILLIICLARAKVCGASCGQFELIILSMQNTGELQONCQGGARNPQDGECGSG
STPVTIGGNTFNKASERENDRNRIVLPFSEAMPRSTYLTYEAWDSSNDTVPQDSIIIEKAHSERQNSRQWLTQKONTGVAHPTSYQIRVTCDIYXG
GCKNFKCPRDDFTGRTYACDQNGKNTCKMEGMGMGPECNRAICRQGCSPKHGSCKLPGDCRCQXGPKCJPHPGCUTHGICMCEPFWQCLCEINWGGQ
LCLDKDOLNKGTHOPTCNCCTCSNTGPKDXYQCSCHBEGSCPGNCEIAEHAUJSDPCHNRGSCRTTIGFECECSBGTGPTCCTNDCCSPANCSHGQT
CQDLYVNGEFCVCPVCPPTGKTCIOLDANECEAKPTNAKSKCNLJASBYTCDLPGMMGONCDINTDCLGQOQNDASCRDLVNGYRCICPPGLAGDHC
RDIDECAASNPCTINGCNCQNEINRFQGCLCPGFSSENQIOLDIDYCEPAPCQNGAQCYNRA,SDYFCKCPEDYEGKNCNSHLKDECRTPCCEVTDSCTVAM
ASNDTPEGVYRISSENVCGPHKGCKSQSGKFTCDNCNKGFTGTYCHENLNDCESNPCCRNGTCIGDGNVSKCICSDGEGAYCETININDCSONPCHNG
GTCGTDIVDNEYTCIOTANGWAKTGHCKTCHSRDSDQCDERATCNCNGTCYDEGDAJFKCMCPGGMEGCTGTCIARNSSCLPAPCHNGCCTVNGESEFTCVCCKEG
PICAQNTINDCSBPCNSGTCVCGDANWTRACCPGFAAGPDCRINTNCQSSPCAFAIATCDEINGYRCVCPGHSACKXCOVSGRPCITMGSVTPDG
PAKWDODCNTCOINGRIACSKWCGPRPCTLFGKHSCECPGSGQSCITLDDQCFVHPCTGVGECRSSSLOPQVTKCTSDXYQDNCANITFTENKOM
SPGTTTETICSELRNNTLKNVSAEYSTLACEPSPSANEIHALSAEDIRDGAPKIREITDRIIDLYSKRDGENSLLIAVAEVEVORPLKARID
FLYPLLSSYLTVAVICCLVATFYWCLRKREKPCPSHTHSAEADNTINNVRQOLNQINAPTEKHGANTVPIKDVENKSKMVKRTHNSEVEDDMOK
QOKAREPAKOPAYTIVDREKEKPPNGTPKPKHAWTKNODNRDLESAOSLNRMEXIV

(Human Jagged 2: GenBank Accession No. AF029778)

MRAQERGRLEPFLILALWQQAEREMGYFEELQSLAIRVNNGEILLSGACCGDGRJTRAGCCGDECDTPTVYCLKEYOAKVTPGCPSCYGHGATPV
LGGSNTFLPPAGAACDRAARARAGCDQDPGLVYTPQPAVPRSFITLIVEWANDDNDTPNEEELLITERVSHAGMINPDRWKSLSLHSQVVAHLLQI
RVRCDCENTYSATCNEKTCRPRNDFFGHYTCDQXGKACMDGMGKECKAYCQKQGNCNLLHGCTCTVGEGRCSYGMQGRFCDECVPIPGCVCBGSCEYEW
QCNCEMTNGCILCDKDLNCGSHSHUPCTINGGTCINAEPDQYRCTCPDGYSERNCIEKAEEACTSNPACANGSACHEVPSGFECHCPSCWGSPTCALDIDE
CASNPIACACTCVDQDGECICPCEQWYGAITCOLDANECEGKPCPCLNATFSCKNLIGGYCDICPFGKGINCHJINVDRCGOCOHGGCTKDVLYNGYQCY
CPRGEGSERHCELLERDKCASSPCHCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFCSPGFC
CRYTDGCCSDAGPMPGTAASGVCGPHGRCTYSQPGNTTSICIDSGFTGTYCHENIDDCLGOPCRNGCCTCIDEVDAEFCFCFPCSGWEGCJCTXNPDCI
PDPCPCHSRGRCTDLYNDFYACADGKGKCTCSREFQDAYTCNGCNGCTDSCGDTFRACCPGPKRCSCTCAYAKNNSCLENPCVNGCTCYSGASAFSCCI
CRDCKMEGRCTCTHTNDCNPLPCYNGGICYDGYNWRCECAPGFAZGDPDRINDEQSSPCAYGATCVCDEINGYRCSCSPGCRACPRCQEVTCFGC89CW
SRGTPFPHGSSWEDCNSCRCLJGRDCSKVWGMKPCPLAGOPEALSAQCPGLORCCLKEAPSGCQLRPPCEAWGECCGALEPSPTECLPERSGHLDDNCC
ARLTHTENRDHVPGQTTVGAICSGCIRSLPATRAYERDLVLLCDRASQGASAVEVAVSTSPARLDPDSSLTQGAAHATVATTCRGNS99ILLAVTE
VKVETVTVTGSSSTGGLLFPVLCGAFSYTMVLACTVVLCWVWTRKTRKTRERERSRPRLPREESANNGWAPLNPIRNPPIERPGGHADVLXQCKNFTPPRRADEA
LPGPAGCHAARVEDEEDLGRCEDSLEAEKELSHKETTDKGPRSCDPAHAA SCDDCNDPAPDSTPAPYVYU

Figure 34

HumanNotch1(AF308602)

MPPPLAFLCLALLPALLAARGFRCRSOPGETCLNGGKCEAANGTEACVCGGAFTVGRQDNPCLSTPCVKAGTCVVDRCGVADYACSCALGFAGPLC
 LITPLDNACLTPRCRNGCTCILITTEYKCRCPGTSKSCSQADPCA SNP CANGQCLPFEASYICCPSPFHGPTCRDQDVNECGQKPLCRHGGCTCH
 NEVGSYRCVCRATHFPGNCRPYYPCSPSPCNGGTCRPTGDYTHECACI PGP TCONCEENTDDCPENICKNGCACVDGNTNTACPCPDEWTGQYCTE
 DVDECOLMNPNACONGETCHNTTHGGNCVNGTGEQDCSENDDCA SAACTGMITCHDRVASYFCECPIHRTGLLCHLNDACI SNP CNGGSNCDTNPV
 NGKALCTCPGTTGPACTGACSDVDECSIGANPCEHAGCINTLGSFCQCLGTYGPRCEIDVNECVSNPQDNDATC1DQIGEFOCQDGTGEGVHCEVN
 TDECASSPCLNGRCCLDKLNFRQCECPTGFTGHLQDCASTPCRNGAK1DQGNTTCVCTEGTGTGTCVFDIDCOPDPCHYGSCKDGVATFT
 CLCRPGYTCGHCEETNCCSOPCRLLRGTCOPDNATLICLKGTTGPNEINDDCASBPCDSCCLDQDGECAEPGTYGAMCNENDECAGNP
 CHNGCTCEDGTINGTCRCPGTHDPTCLSEVNECNSNPVCVHACRDSLNGTKCDPGWSGTINCDINNECESNPCVNGGTCMDSGTVCTCREGFS
 GPNQOTNNECAASNPCLNGRCCLDKLNFRQCECPTGFTGHLQDCASTPCRNGAK1DQGNTTCVCTEGTGTGTCVFDIDCOPDPCHYGSCKDGVATFT
 ASCQNTHGKXRCRCHCQAGYSGRCNETDIDCOPRCRNPCHNGSCTDGINNTAFDCCLGFRGTTCEIDNECASDPCRNGANCIDCVD3STTCOPACTSGIH
 CENNTEDCTESSCENGGCTYDINGNSFTCLCPGFTGSYCQHVNECDSRPCLIGGTQDGRLERCTCPOGGTGENCONLVHWDQSSPCKNGGKCMWT
 HTQYRCECPSPGTWGLYCDYDVSVCSEVAAQROGVYDVAULCQHGGLCVDAAGNTEHCRQCAQGYTGSYCEDIAYDECSPSPCNGATCDYLGTYGSKRCVAGY
 HGYNCSSEEIDECI SHP CONGECCLDILENTYKCSCPRETGQYHCEINVDDCNPYPVDPVSRSPKCFENGCYDQGGYSCTCPPGFYGERCEGDVNECLS
 NPCDARGTQNCVQYRNDTHECRAHTGRRCE SVTNGCKGPKCKNGGCTCAVANSNTARGFTKCPAGTCATCENDARTCGSLRCLNGCTISGPRSPST
 CLCLGPFTGPCEQFPASSPCLGGNCPYNGQTCPTSSASPFYTRCLCPAKENGLCHILDYSFGGGAGRDTPPPLTEACELPECOEAGENKVCISLQCN
 HAGGWDGDDCSLNFNDPFAKCTQSLQCKWYTSQDGHCSQNSAGCLFDGTCQRAECQCNPLDQYKDHFSQDCHDQCCNSAECWTGCLDCAEHVPE
 RLRAAGTIVVVVAMPPEQIANSSEFHRELRSVHLNNTVKRDAGQDMLFPTYGRREEELRKHPTRRAEGWTAHDALLGQVKAISLPCSEGGRRRE
 LDMDVRCSTIVYLEIDNRCVQASSQCFQSATDVAAITCALASLSNIPYKLEAVQSEETVTPPPQQLHIVVAAAATTULLFFVCCYLIISRKRRQ
 HGQLMFPEGFKVSEASKKKRREPLGEDSVGLPLKNSDGA MDNDQNEGDELETKFFREEFVTL2D1DQDIDHQRTWTOQHLDADLRLMSAMPT
 PPGCEVDADCMDVNRGPDCETPLMIAASCSCCLTENSEEEFEDAPAVISDFTYQGASLHNQDRTGETAHLAARYSREDAKRLLEASADANTQDN
 MGRTPHLAAVSADAQGVFOUILLRNRAIDTFLDARMADCTFLILAAARAVEGMDLNSHADVNAVDLICKSALHWAANVNDAYVLLRKGANKDQ
 NNREETPLFLAAREGSTETAKVLLDHEANRDITDAMRMLPDLAORERHDLVRLDEINLVRSPQHGAFLGCTPTLSBPLCSFGTLCISLKPGVQG
 KKVRKPSSKGCLAGGSKAIDLKARRKKSDGKGCLLSSGMLSPVDSLESPHGILSDVASPPLLPSPFQOSPSVPLNHLPPMDTFLGJGHLNVAAKP
 EMAALGGGGRLAFTGPFRISHFLFVAGSTSTVLGSSGALNTYCGSTINGCWEWLSRLQSGVENQXNPLRGSVAPGPLSTQAPSLOHGMVGPLH
 SSLAASALSOOMSYQGIPBSTRLATOPHLVOTODYOPDNLQMOQOONLQPANTICQOQSLSQPPPQPPQHGVSAASGHLGRSFLSGCEPOADVQPLGPs
 SLAVHTILPOESPALPISLSSLVPPVAAQFTLPPQHSSYSSPVDNTPSHOLQVPEHPELTSPSESDQWSSSPHSNTVSDWSEGVSSPPTSMQSQI
 ARIPEAFK

Figure 35

HumanNotch2(AAA36377)

MPALRPALLWALLMLCCAPAHALQCRDGEYPCVNMIGCMVUTYENGTGCKCPCGGFLGEYCOHQDPECEKRNRCNGGTCVAYDILLERAKLURASCE
TGEDCQYSTSHPFCVSRPCLNGTCHMLISRTDTTECTCQYGTGKECQFTDACLSPCANGBTCTTANQFSCKLTLGFTGQKCETDVNCIDIPGHC
QHGGTCLNLPGSYQOCQCPQSTGQCDSLYVPCAPSPTANGCTCQTOGFTTCNCLPGECSCTCERNDDCENHRCNGGTCYDGTNTNCRCPP
QWTCQFCITEDVEECLLQPNACQNGCTCANRGYGCYVNGW3GDDCSENDDCAFASTCIPGSCIDRYAFAESCMCPEGKATLCHILDACISNFC
HKCALCDTNPINGQYICMPCQGETKGADECTEDVECAMANSNPCEHAAGKCVNTDGAFTCECLKGYAGPCEMDINECHSDPQNDATCLXKGGETC
LQMGCFKGYCELEINECQSNPCTYNGQCDYKVRFOCLCPGFTGPVCQDIDDC893PTCLNGAKCDDHNGYECQCATGFTGVCCEENIDNCDP
DPCHHGQCDGIDSYTCICMPGTMGAICSDQDIECYSPCILNDGRCIDLVNGTQNCOPGTSGVNEIMFDCAASNPCIHGICMCGTINRYSCVCS
GFTCQCBQNDIDECAASNPCKRGAJCTQDINGNGFRCICPGEPHPSCYSOVNECLFNCIGNCTGELSGYKXKJCLDAGWVNGTINCEVDKNECLSNPCQ
GETDMDVNGYRCTCKKGKGEKINQYNTDECAASNPCTMQGTCFDDISGTTCHCYLPTGKNCNQTVLAPCSPPCNCAVCKESPFTESTGICLCAPG
WQGRCQCTIDEC18KPCMANGLCHINTQGYSMCECPGFCSDMCEEDDDCLAMPQNGSCMDGYNFTSCCLPQFTGDKQCDTNAECSEPCCKN
GTCEDSYVNSYTCKCOAGFDGYHCEMNINCTEESCPFGTGTCDGINSFSLCLCPYGETGFCLETHECSSHPCINECTCVDGLGTYRCSCPLGTY
GRNQCTTLYNLCSRSPCKNKGTCYOKRAESQCLCPSPGAGLYCDPVNNSCDIAASRGYLYEHTLQHSGCYCINAGNTHYCOCPGLGTGTSXICEQDDE
CASNIPCQHGATCSDFIGGYRCCEYDVCOPQNGGTCIDLYNTHFKCSCPQPTRGJLCREENIDDCARGPHCCLNGGQCMDEJGTY
SCRCCLPGEAGERCEGDINECLSNPCISSEGSILDCIOLTDNTLVCRAAFTGRHCEIDYDVCOPQMPCTLNGGTCIAYASNMFDGFTICRCPGFGSARGCQS
SCGGYQVCKRGQCVHTASGPRCFCPSERVICESGCASSPCQHGCSCHPQROPPTSCQCAPPSGSRCHLYTLPDSTPPATCLSOYCAKARDGVD
EACNSHACQDGDCS1LTMENTPANCSSSELPFCMDYINNOCDELCNTVECLFDNEEQCNSKTCIDKCADHDKHNCQGCSRECGNDGJDCAA
DOPENLAECTVTVVIMPPEDOLLQDARSETRALGTLTHNMRKIKDSQGELMIVYPIGEKSAAMKKORTRSILPGEQEVAGSKYFLEDDNQQC
VQDDHCECTNTDAAAALLASHA1QCTSYPLVSYSESLTPERTOLYLLAVAVVILITLILLGV1MAKRXKHGSLWLTREGTFLRDAESENHKEPE
FVGGDQAVGLKMLNSVQSEANLIGTCSEHWYDDEGPQPKKVAEDEALLSEEDDPIDRRTFWTOHLEAADIRKRTPSLALTTPQAEQEVOLYVNR
GDDGCTPMLASRGCSSDLSIDEDENAEEDSSANTITDLYQGASLQIAQDTDRGEWALHIAARYBDAAKRLLDACAANRQDMGRCPHHAAYA
DAQGTYQJLIRKNTDIDARANDGTFJLJAARLAVEGMYAELINCOADNAVDORGEKSALHWAASAVANTEATLILKNGANDMDQDNKEETPLFL
AAREGSTEAATKLLDHFANRDITDADRDPRDYARDRMHEDTVRLDENEYNTVTPSPPTGTVCPNFSLSILKHTPMGKSSRPSBASSTIM
PTSLPNLAKLAKDAGSRRKKSLSKXQI3SESSVTLSPVDSLESPTHYEDTTSSEPTTSPTSPGILQASNPMLATAAPPVHAQHALSFSLNHLHQ
PLAARGASTLPSVSQQLSHHHTVSPGSGGACSLR1HFPVTPDWMARMEVNEI2YINEMFCMAYLAPAEKGTHPGLAFOSRPPEGKHITTPREPLPPI
VTPSHSCHGLOGEPEXPLTESPESPDOWSSSPHSASDWSDVTTSPDCAGGGORGPTGTAEEPPHNMOMVYA.

Figure 36

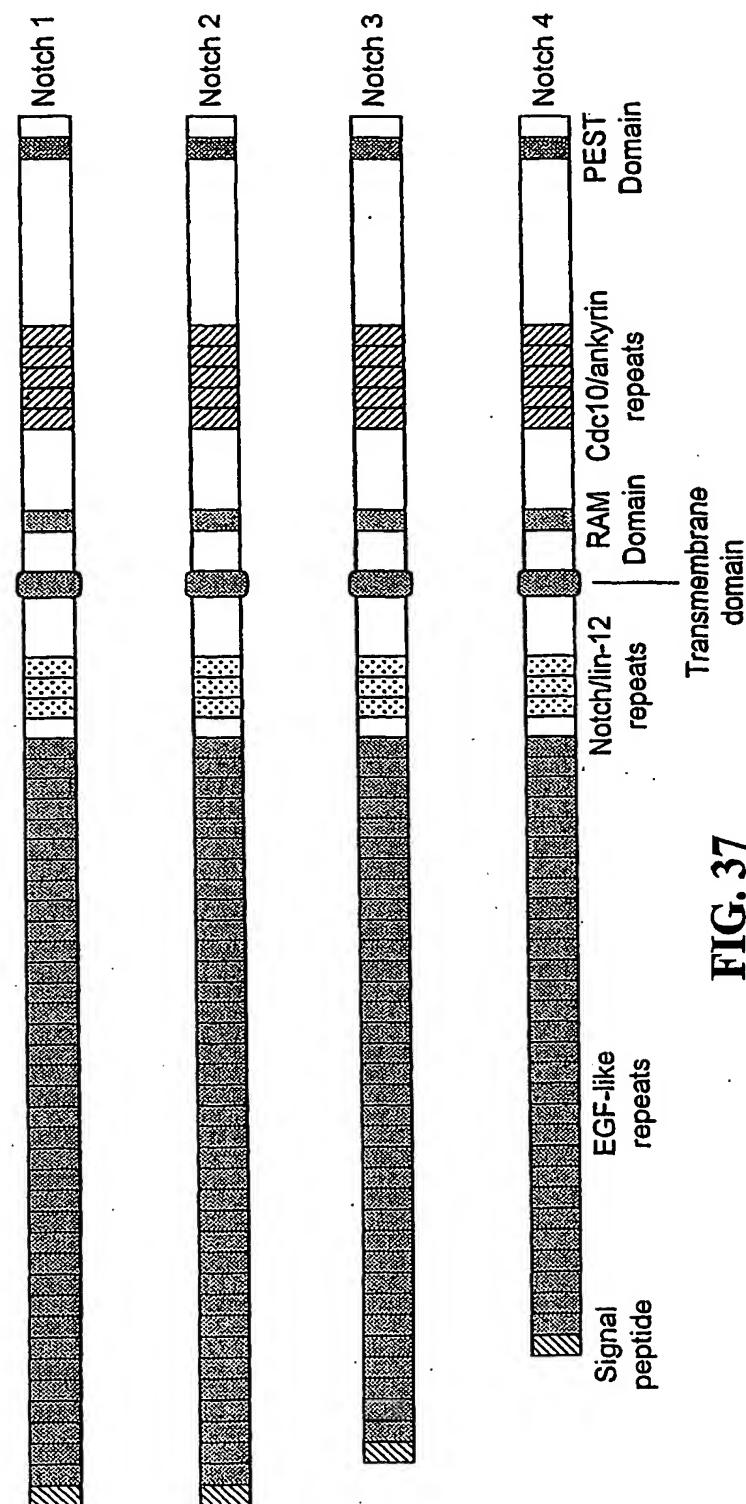


FIG. 37

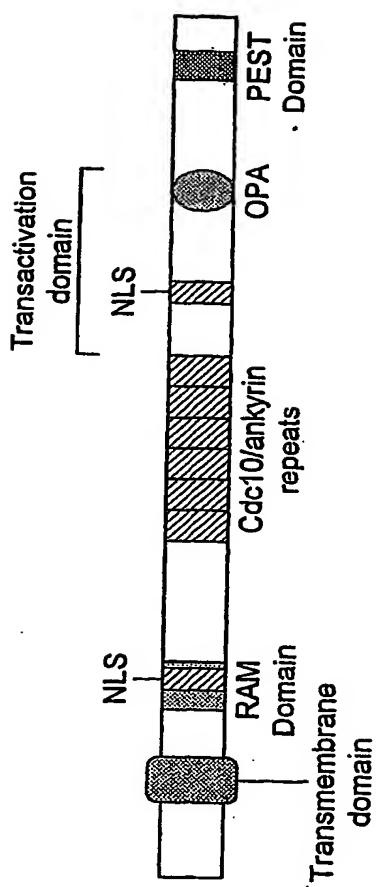


FIG. 38